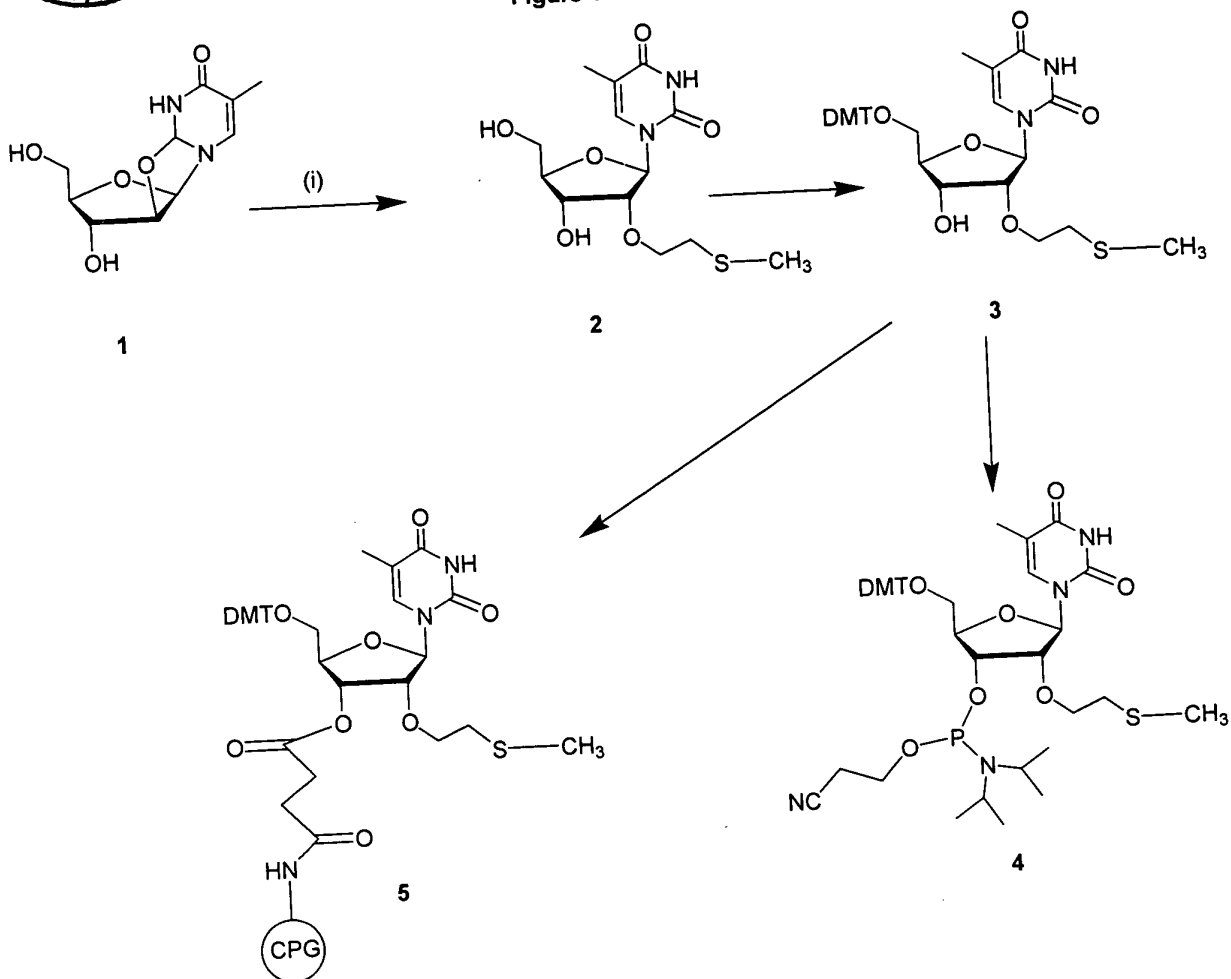




Figure 1



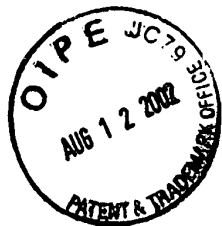
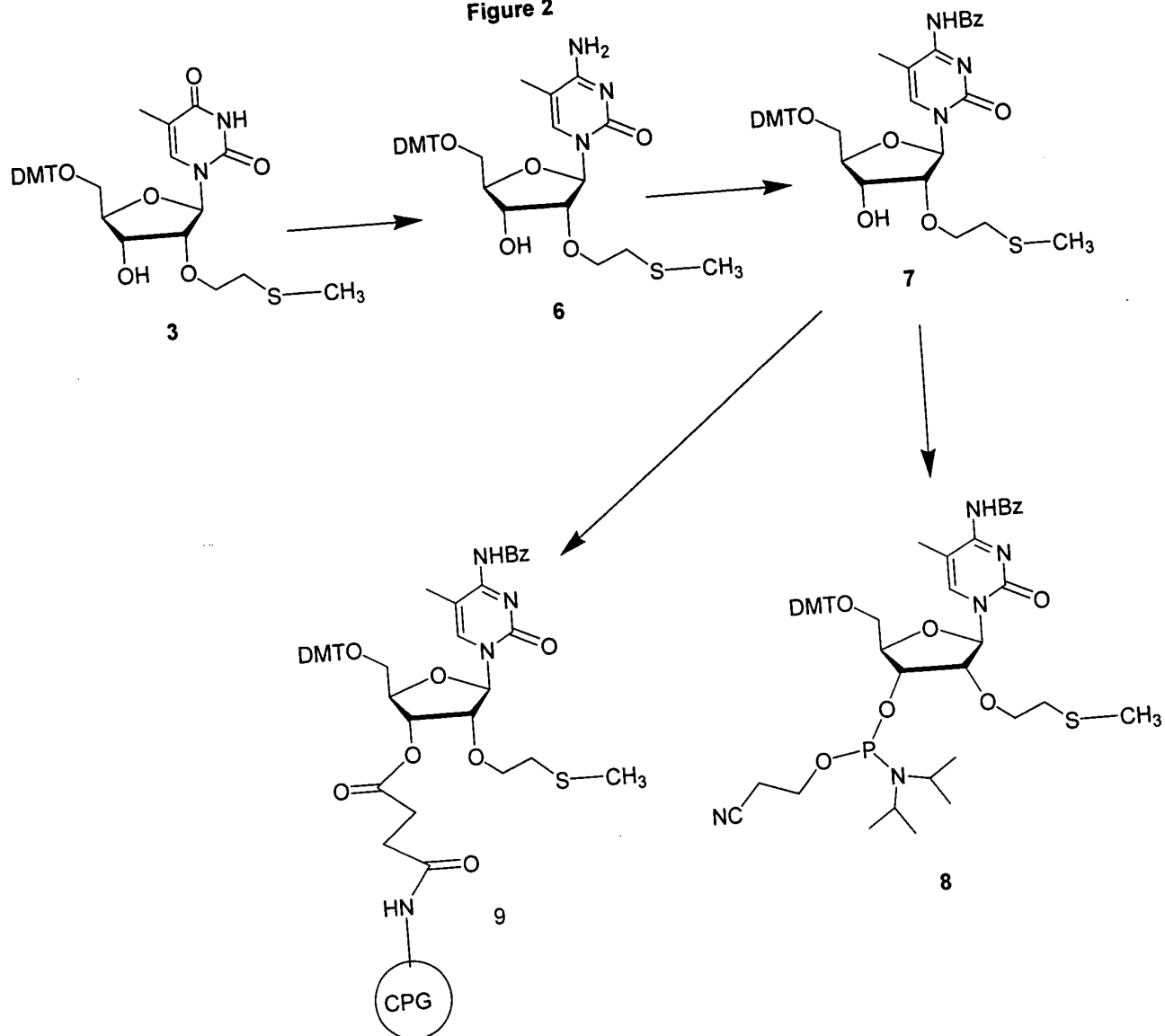


Figure 2



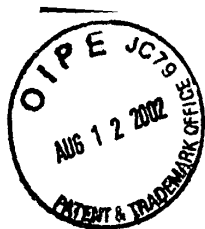
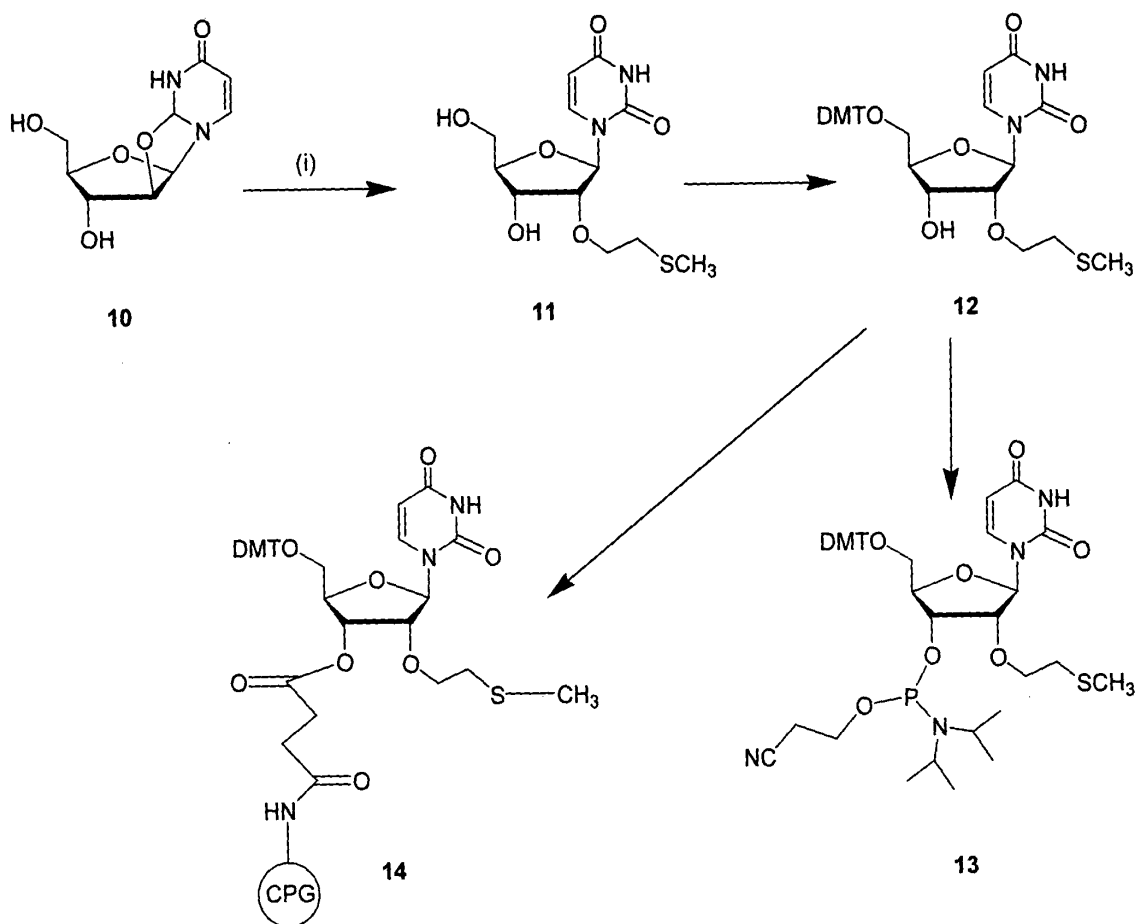


Figure 3





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Figure 4

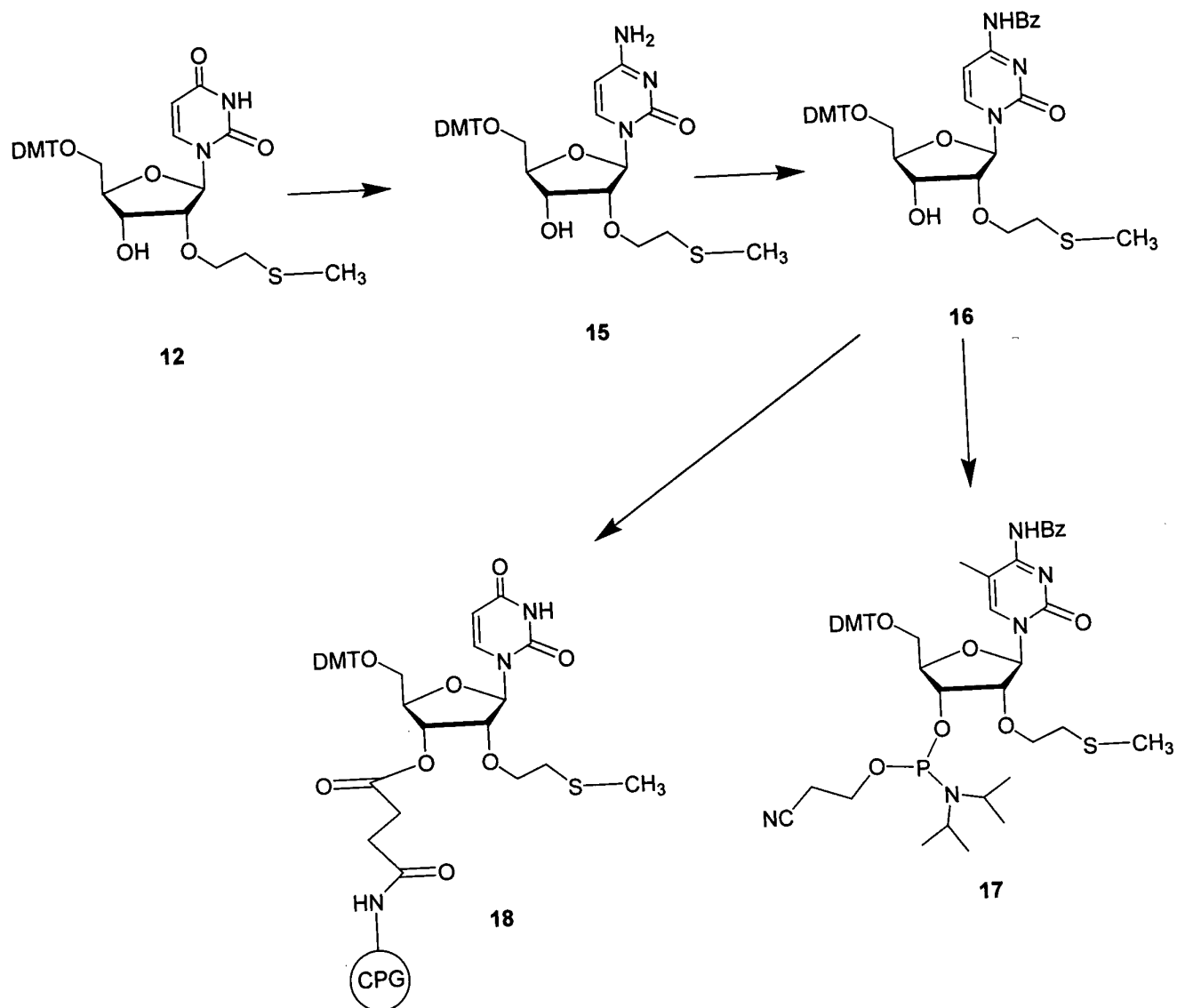




Figure 5

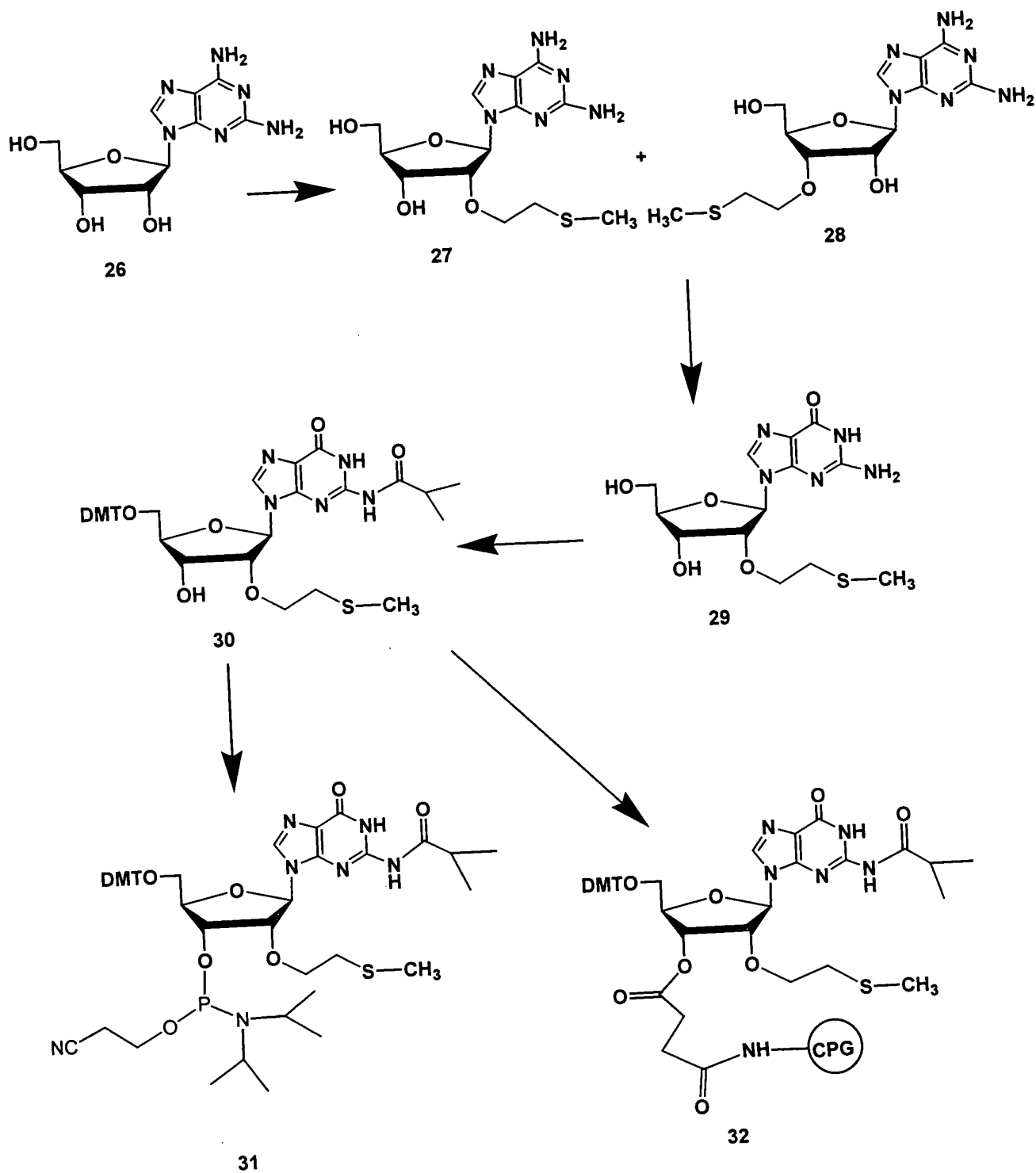
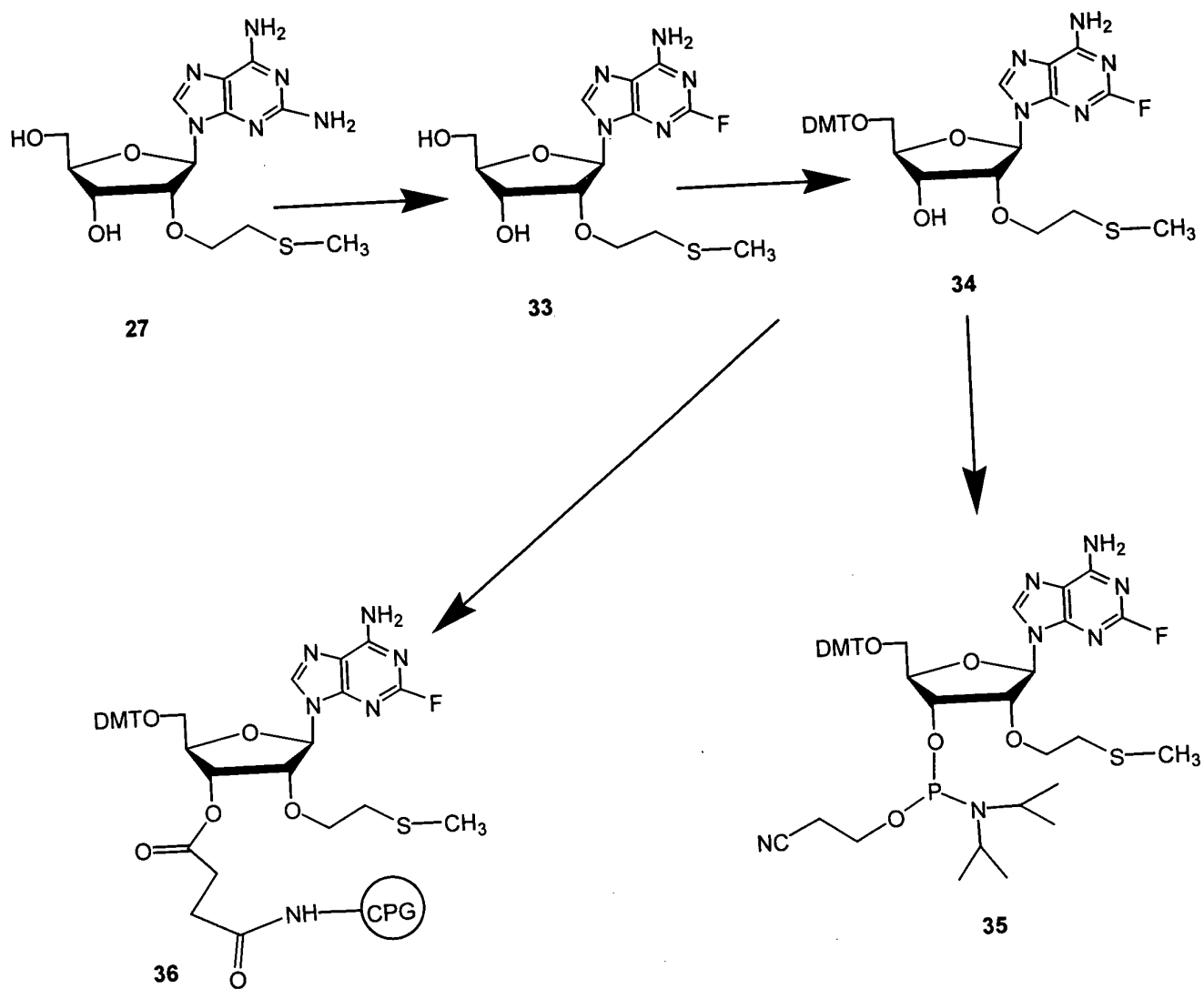




Figure 6





Figur 7

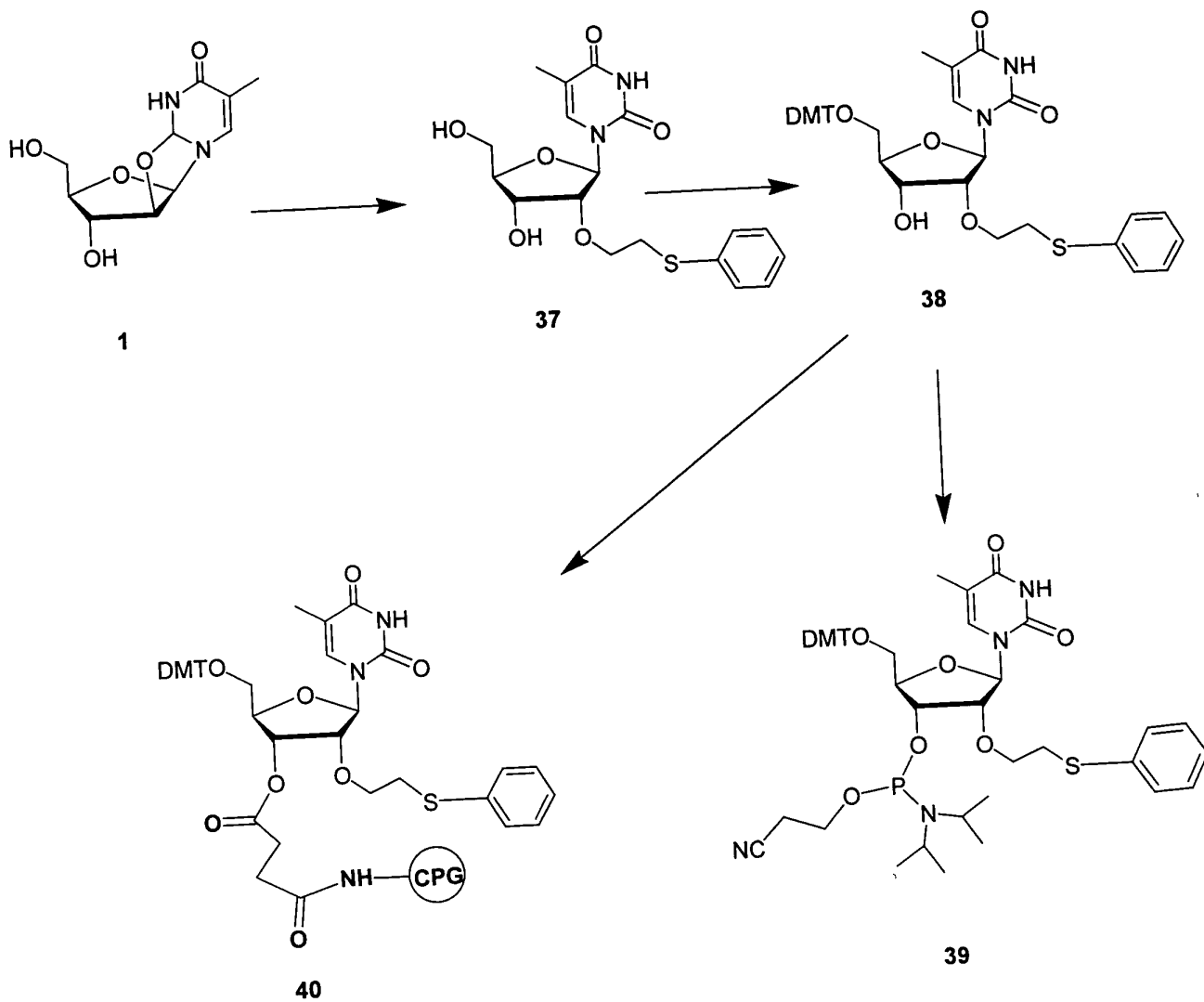
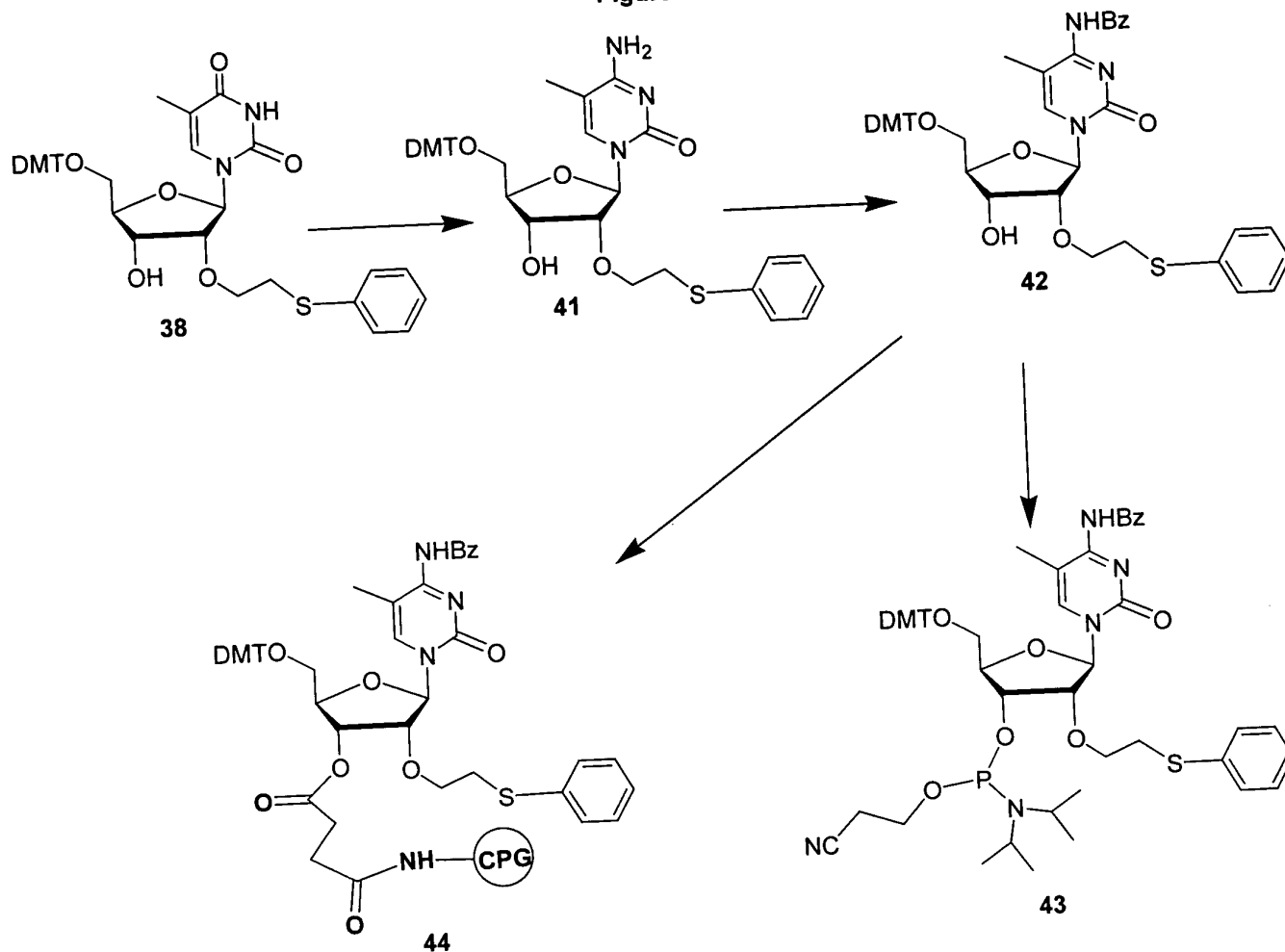




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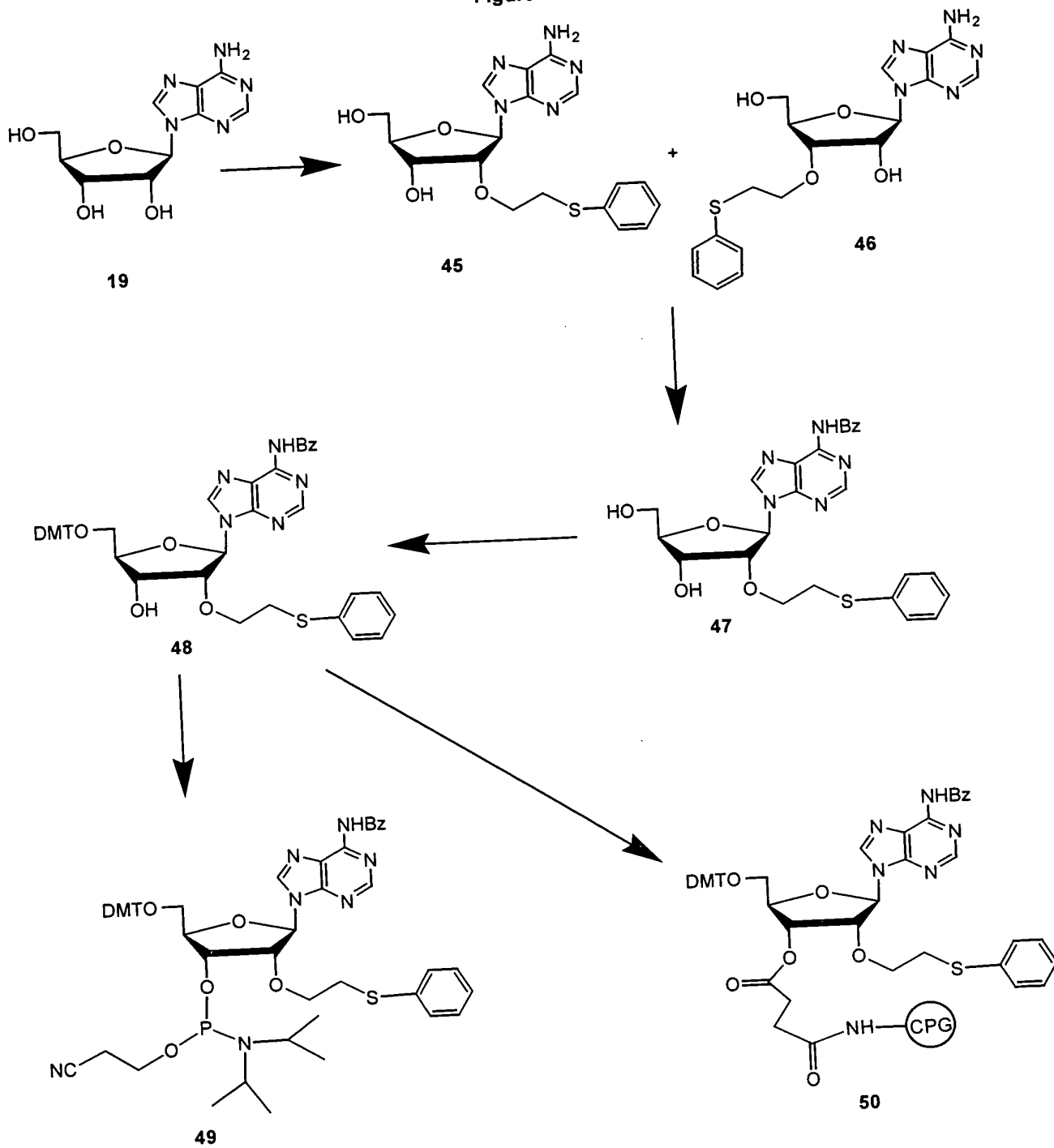




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Figure 9



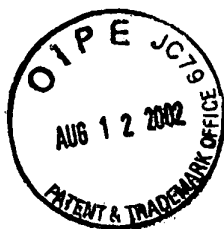


Figure 10

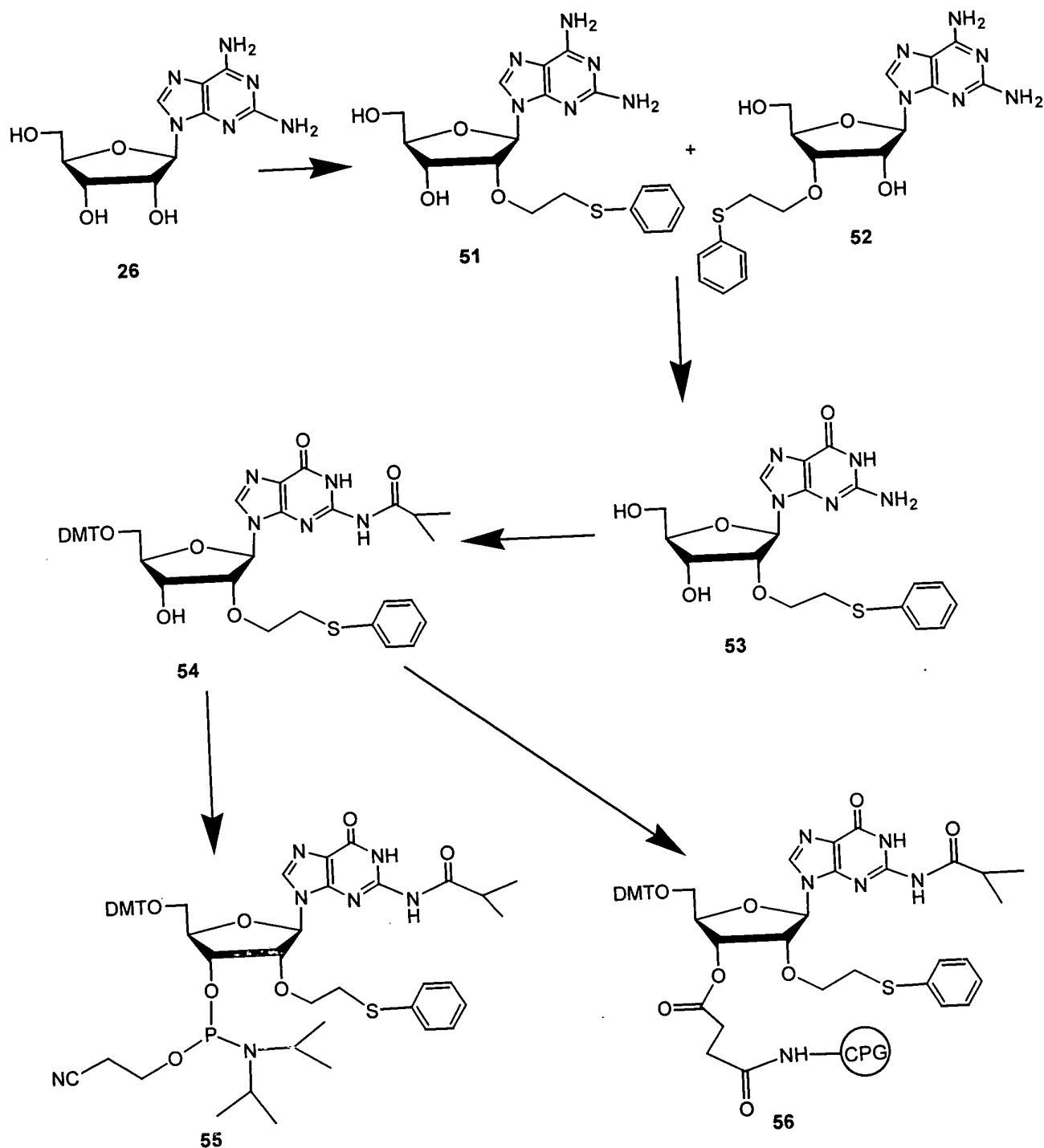


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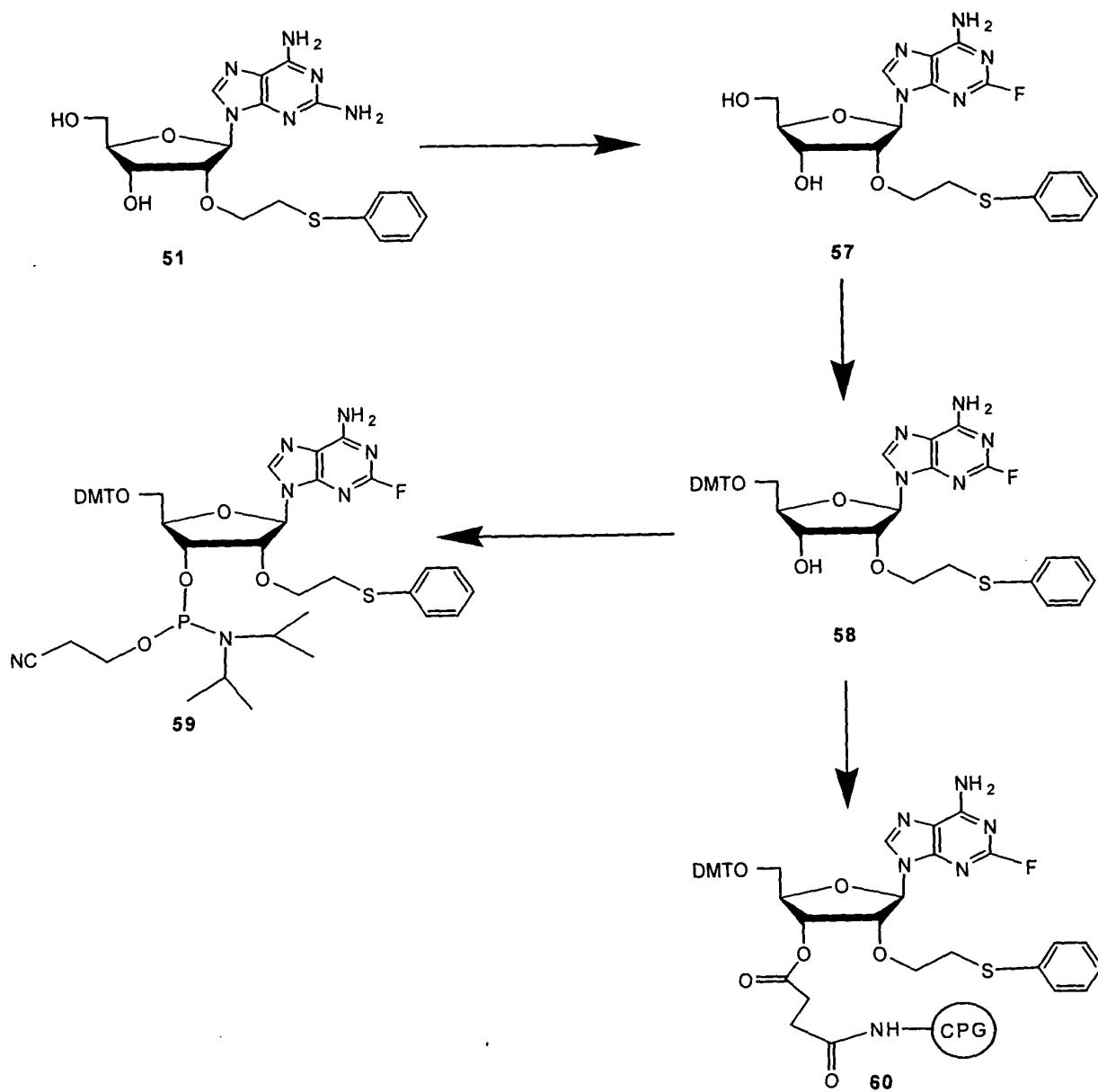
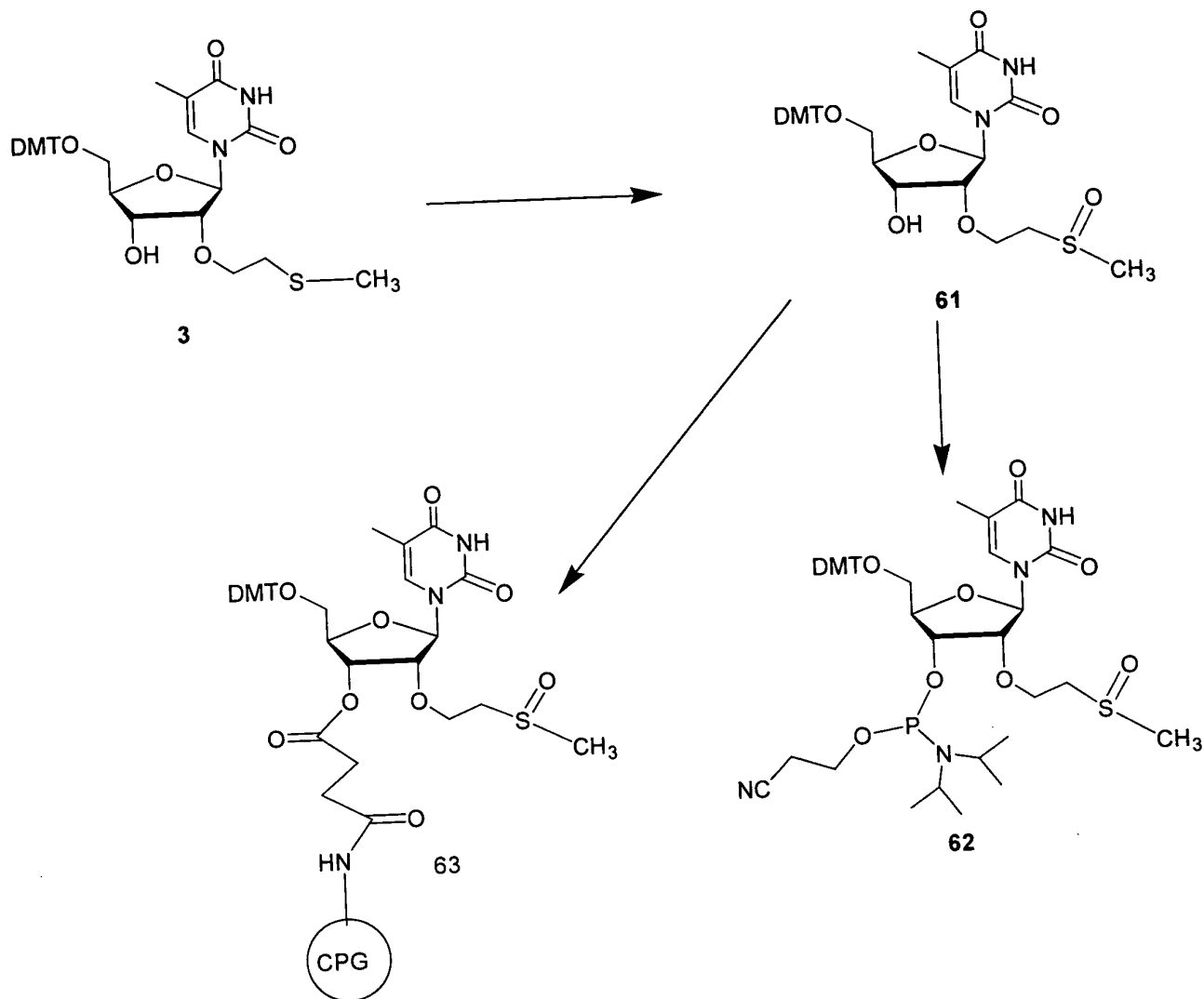




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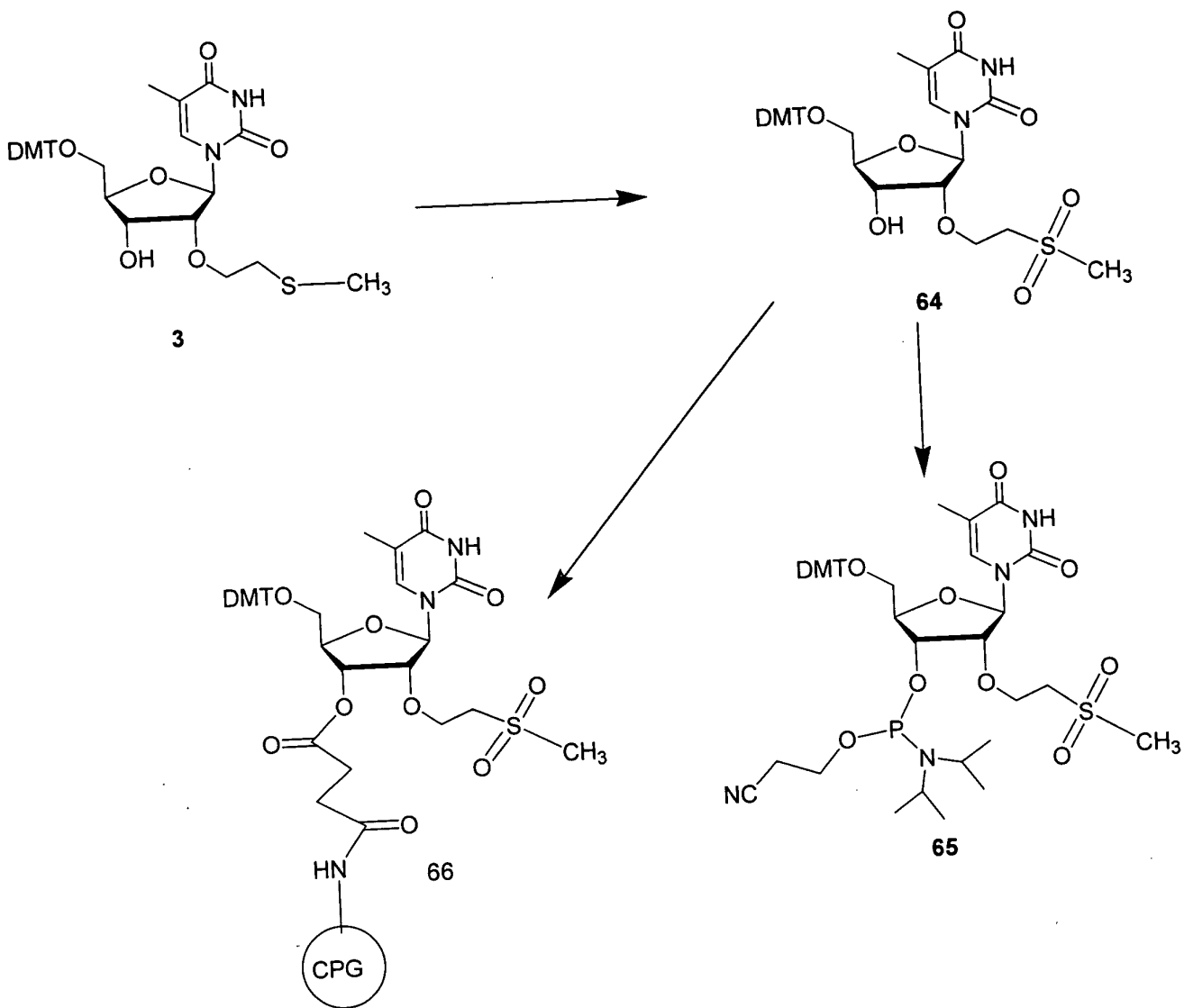




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Figure 13





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Figure 14

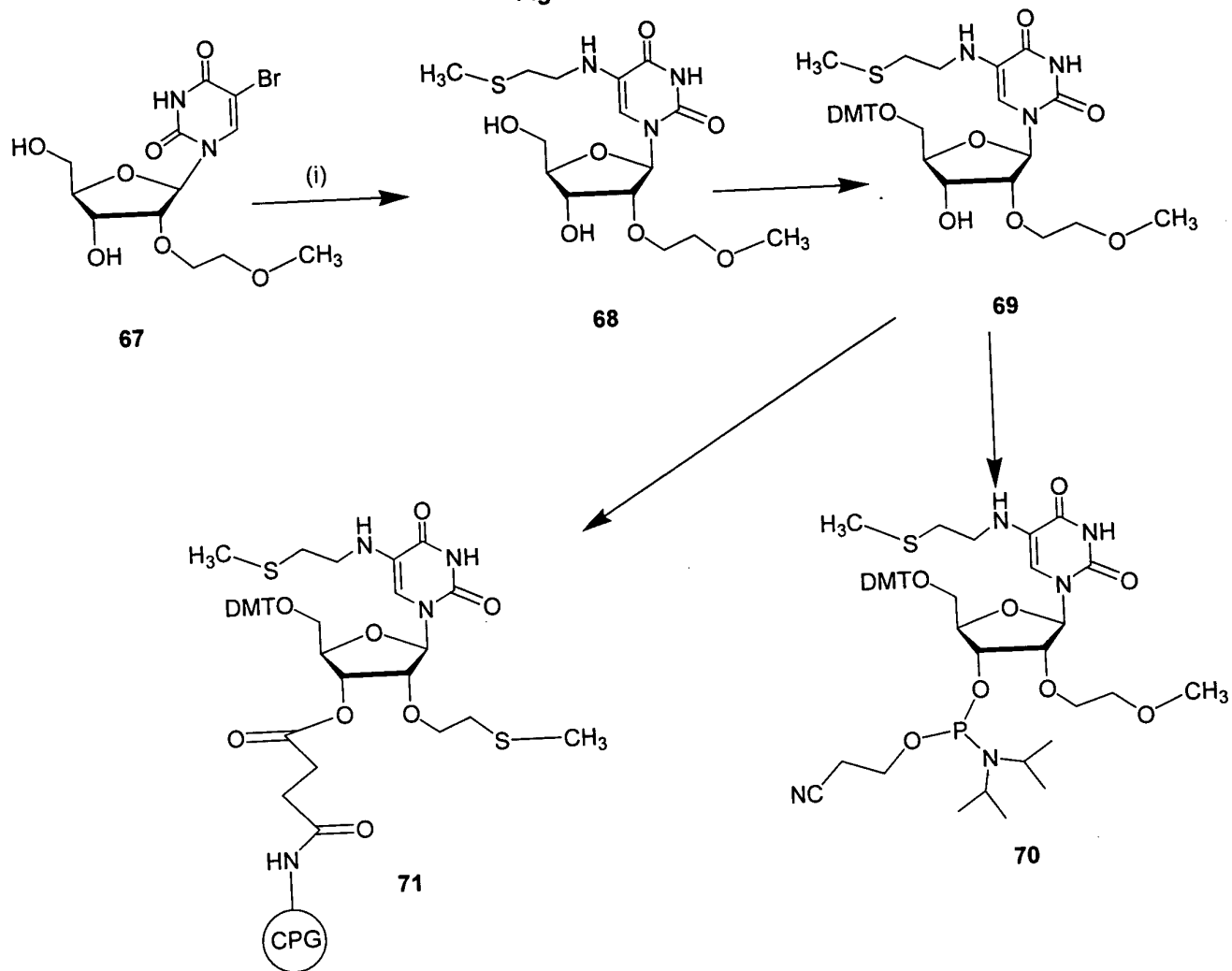
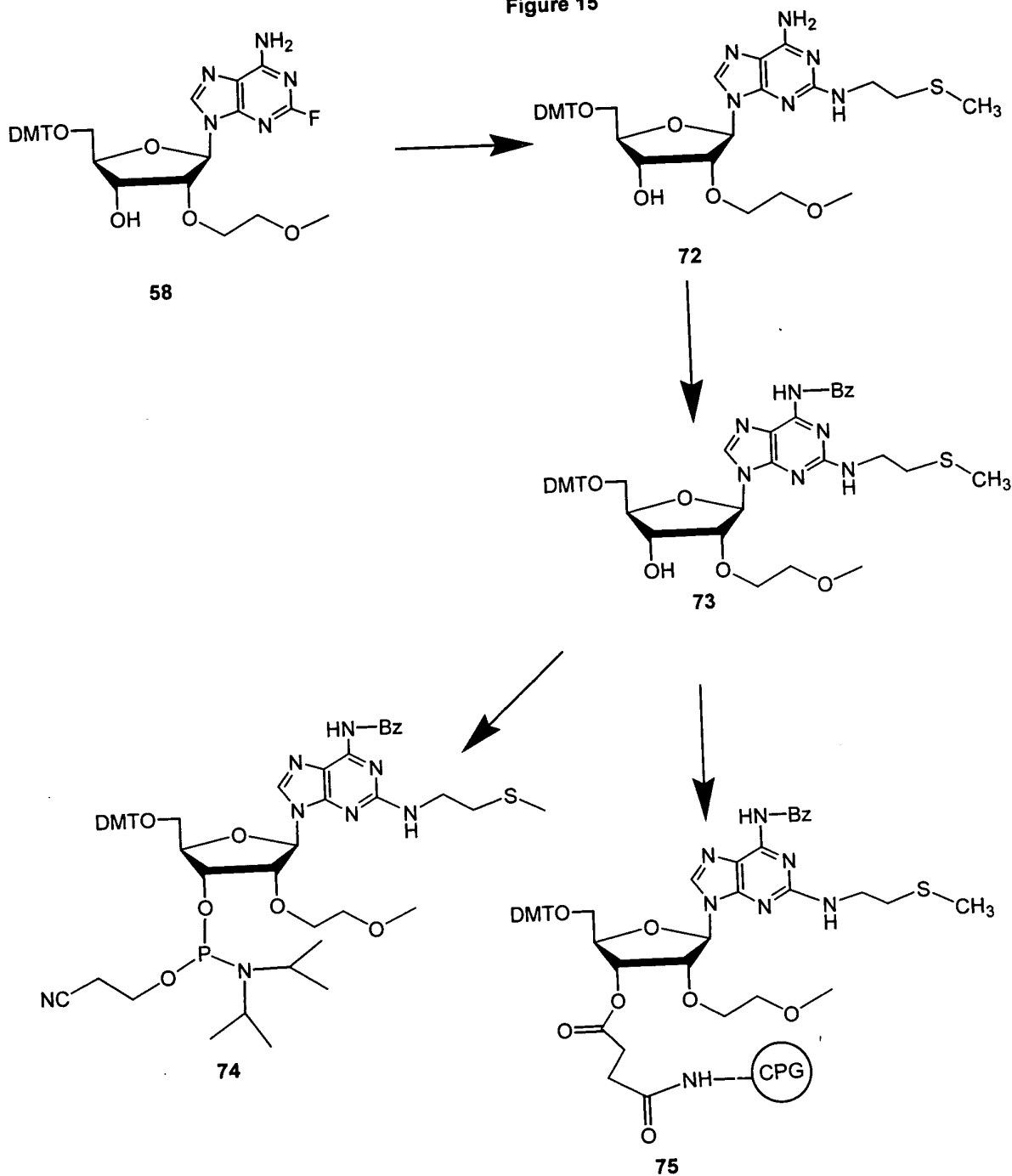




Figure 15





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Figure 16

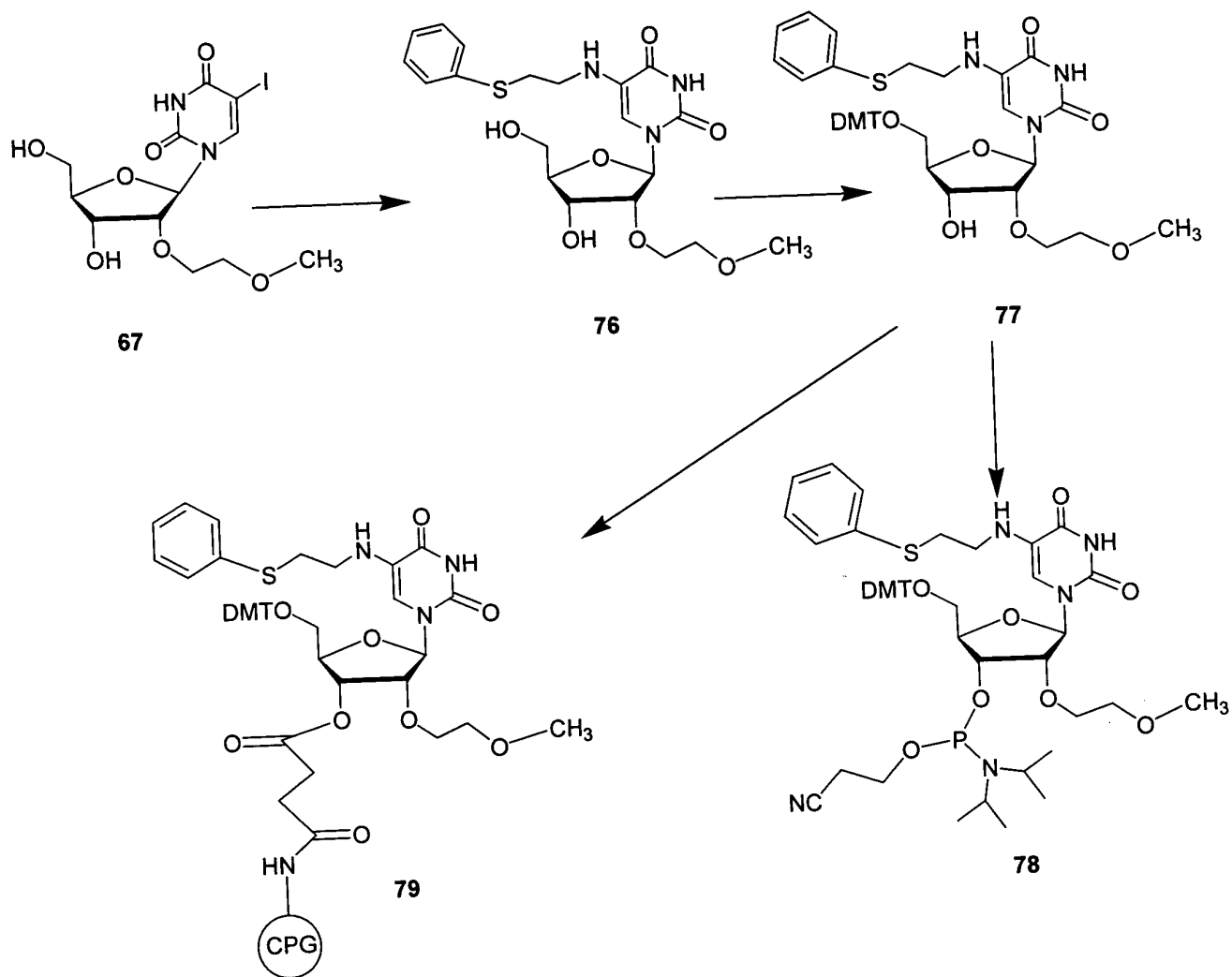




Figure 17

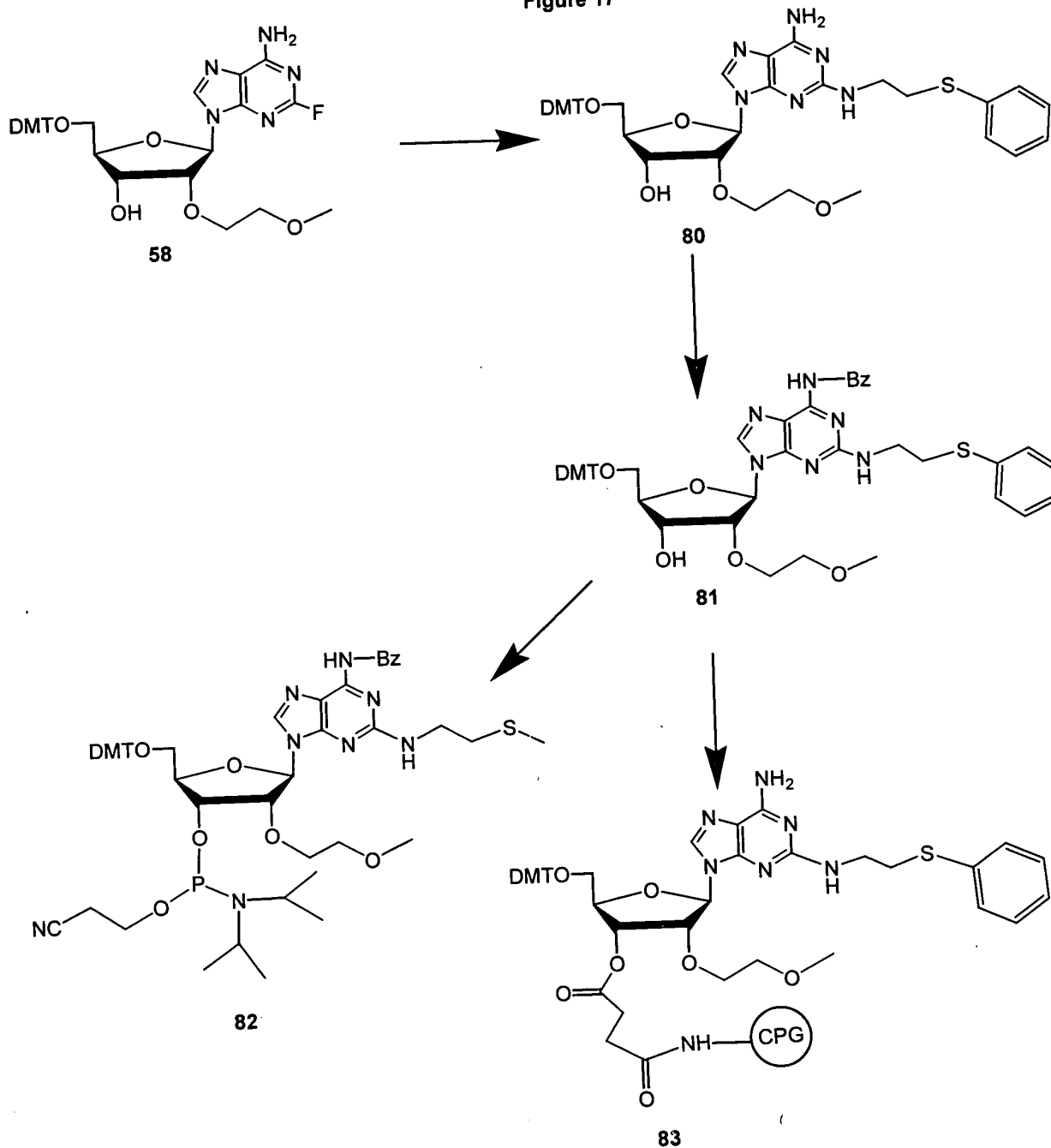
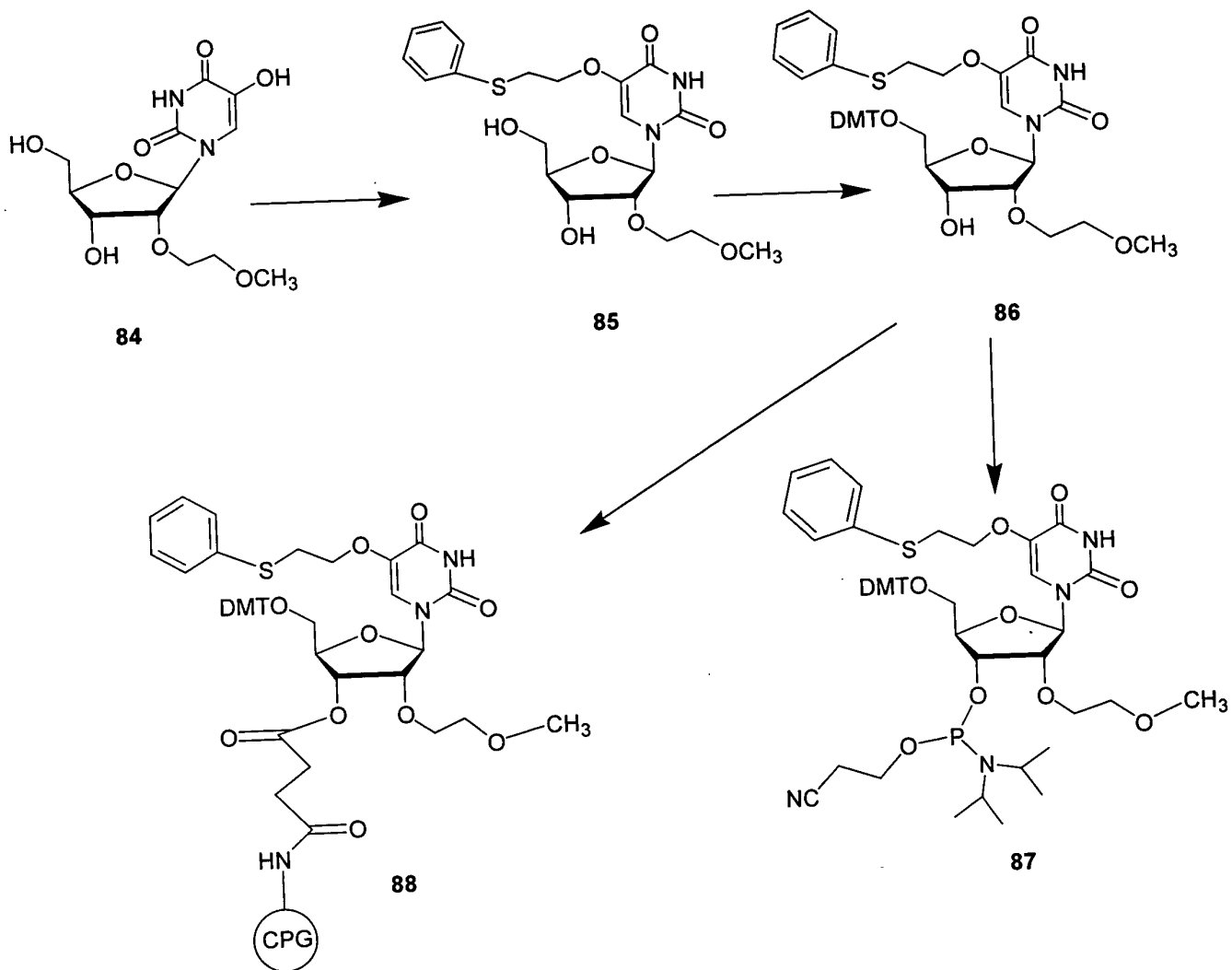
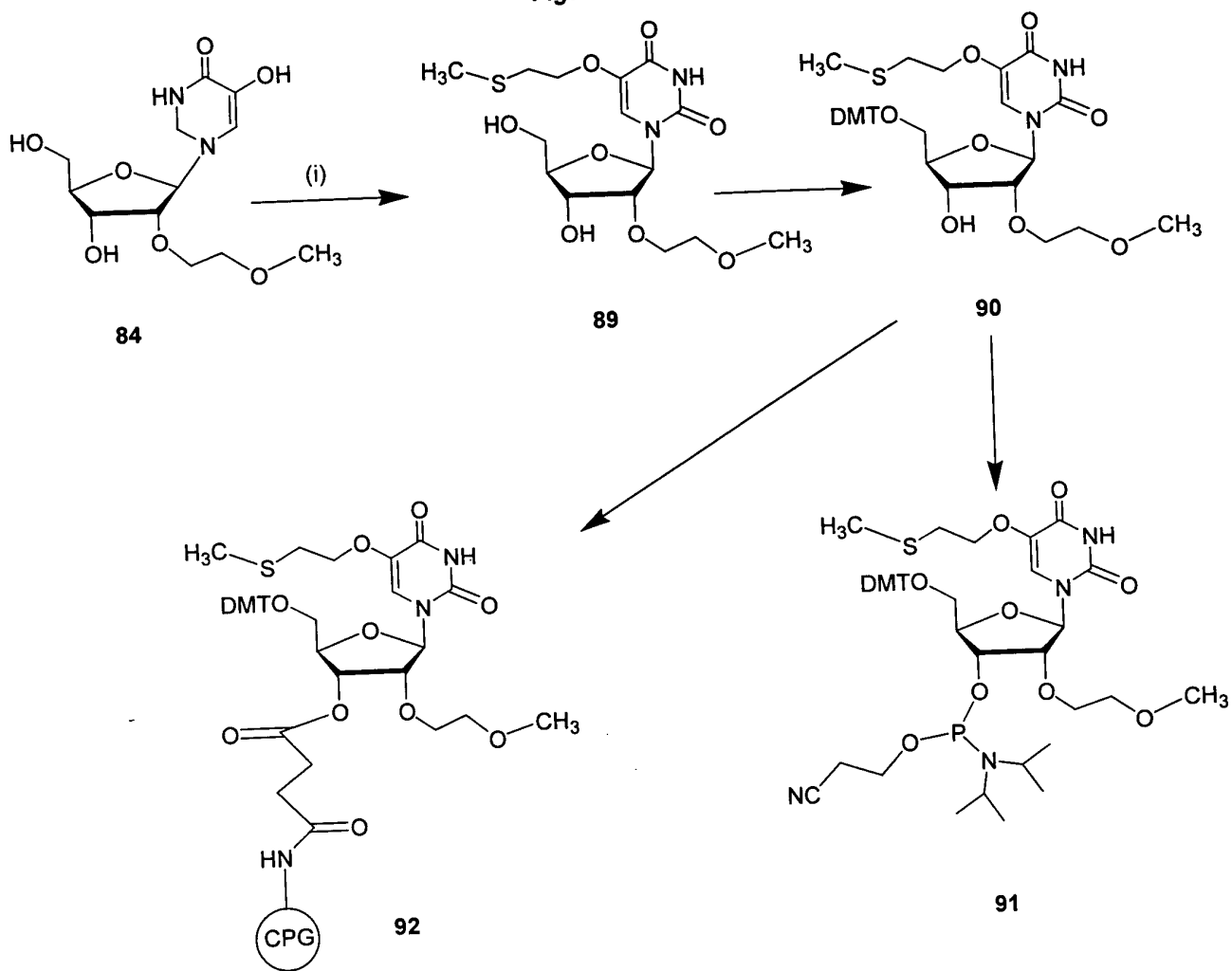


Figure 18





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Figure 19

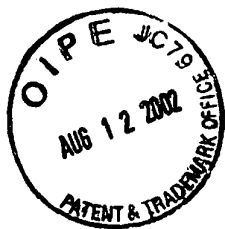
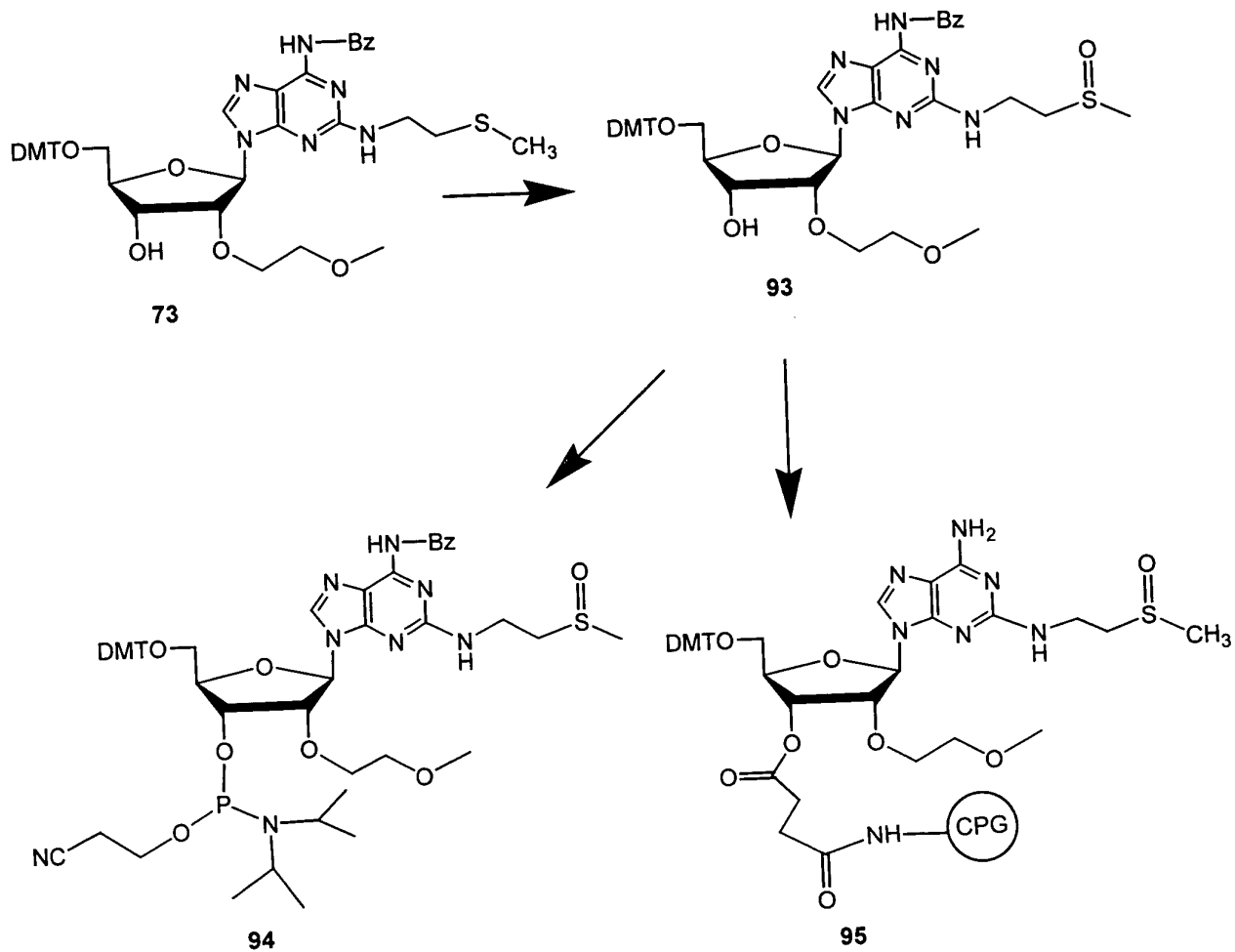


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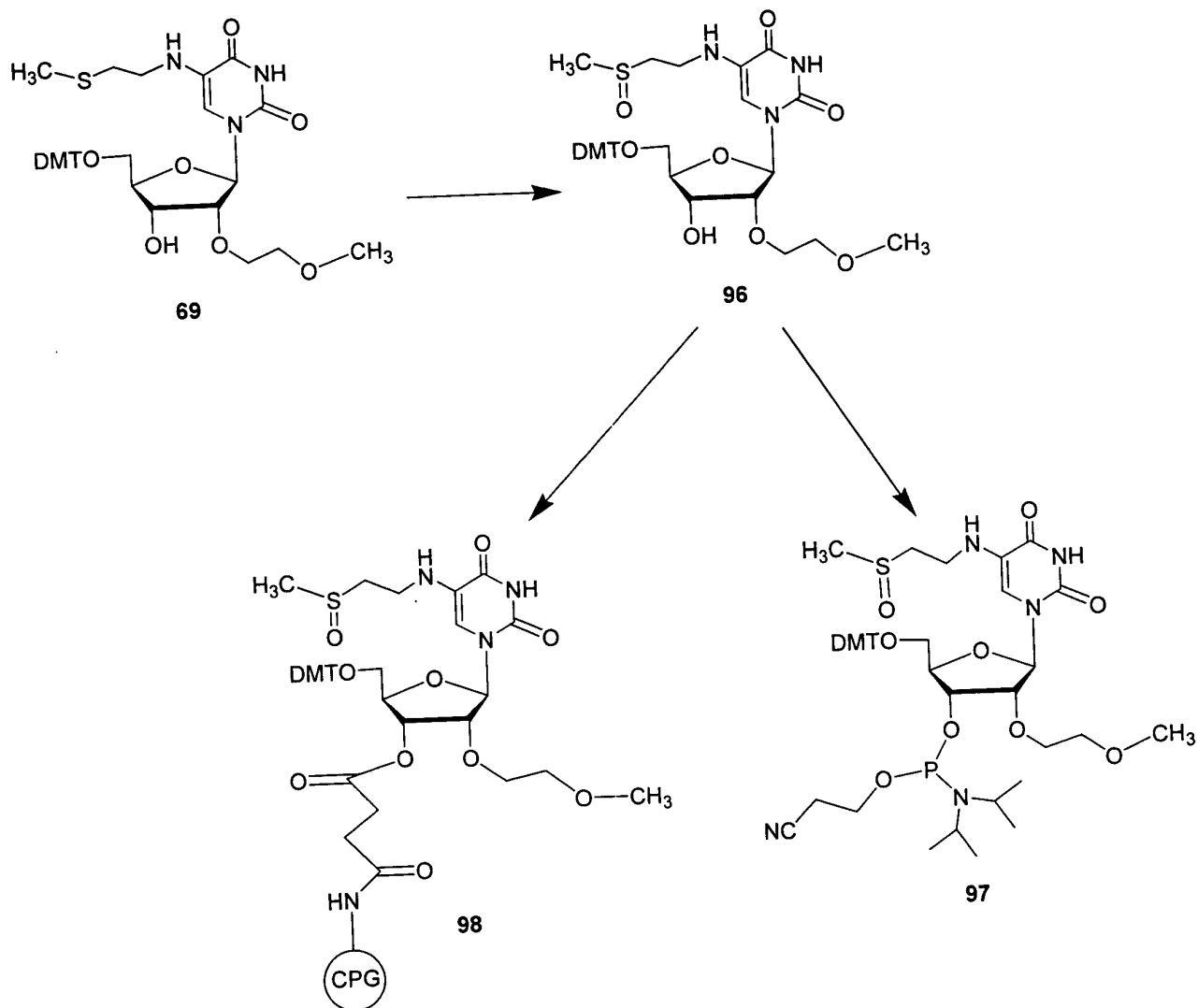




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Figure 21





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Figure 22

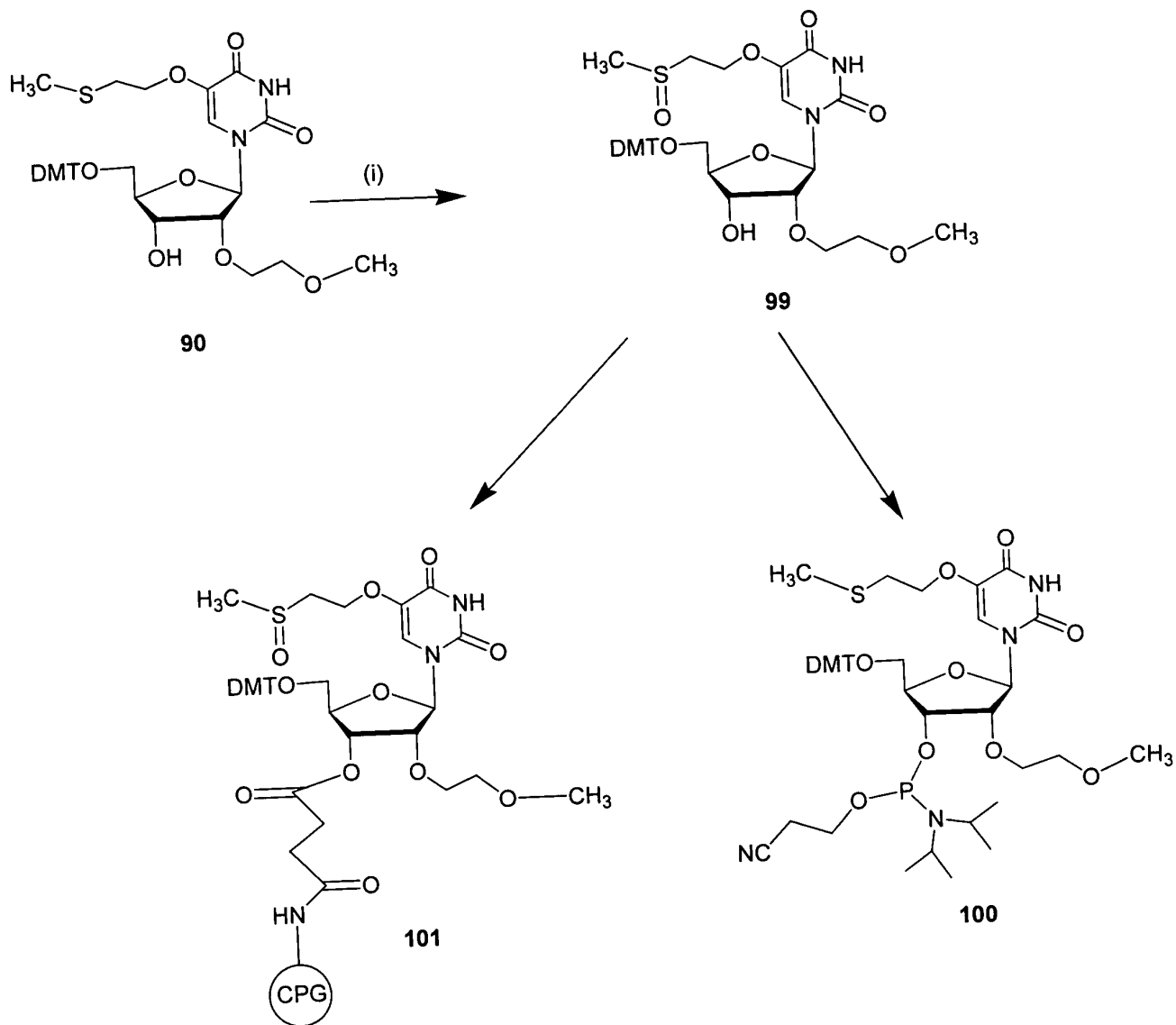
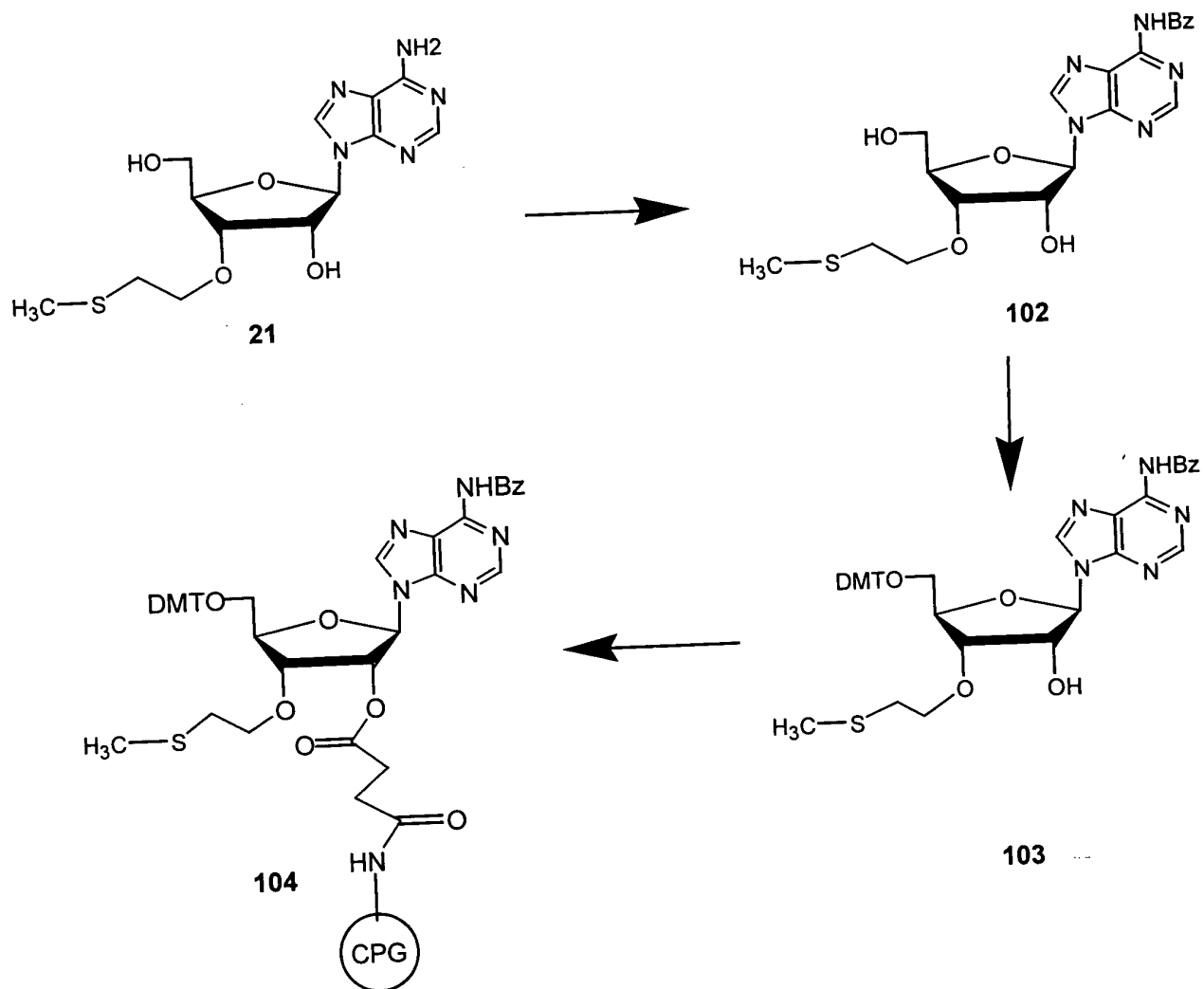




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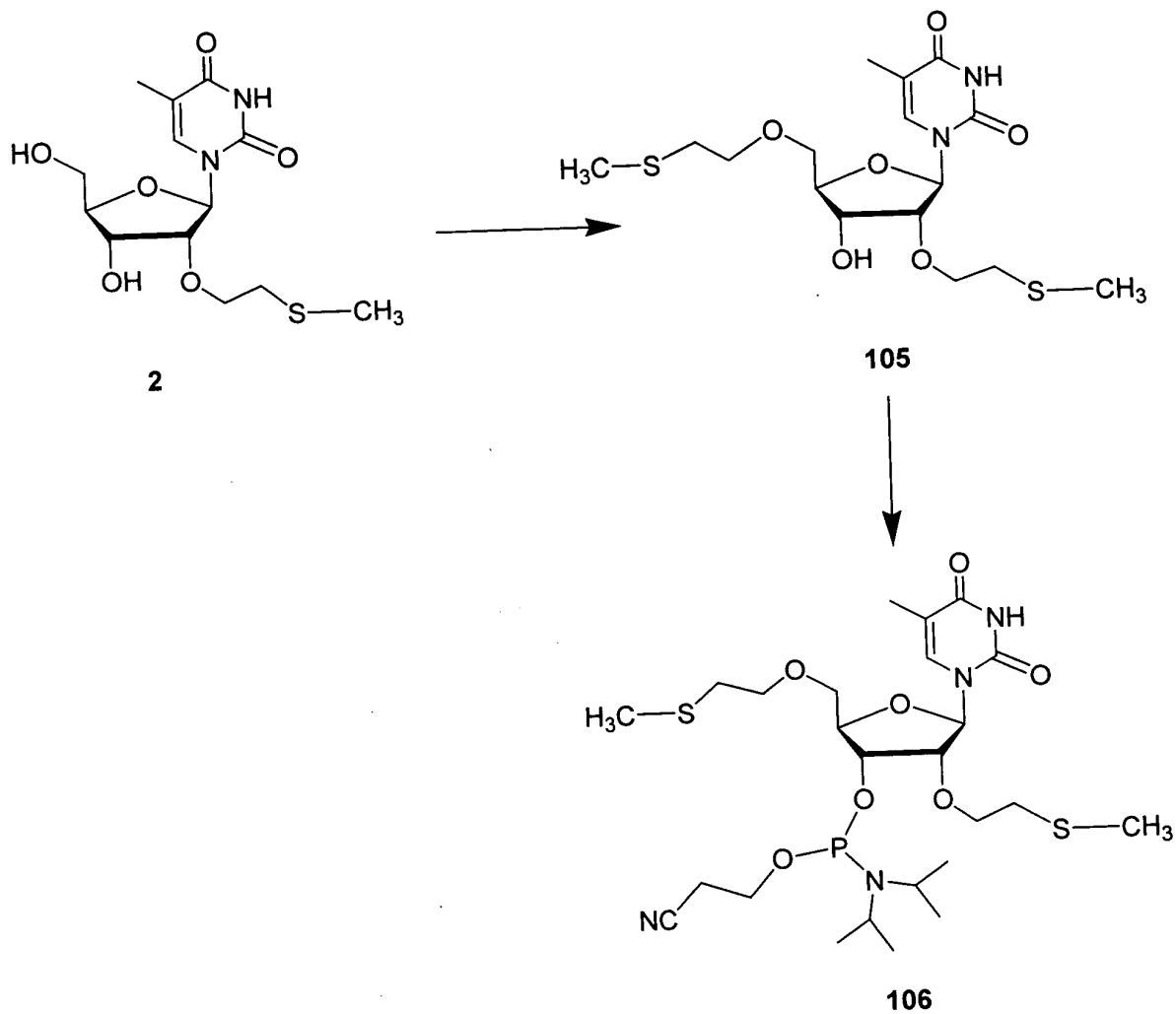




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Figure 24

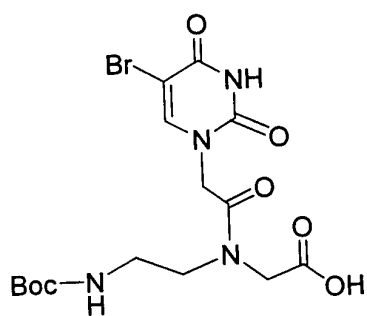




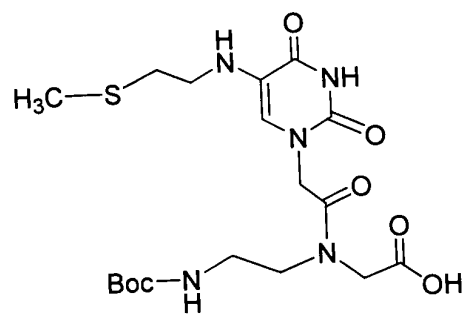
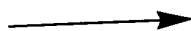
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of Oligonucleotides
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Figure 25



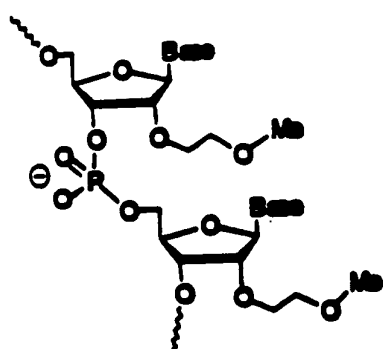
107



108



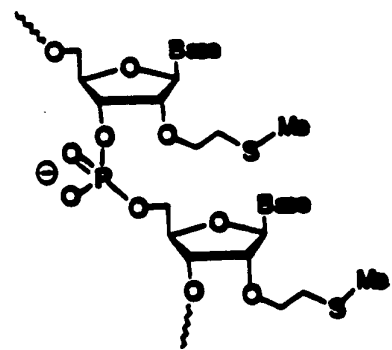
Figure 26



Z-OMOE: 2-O(2-Methoxyethyl)-FNA

$\Delta T_m = 2.0^\circ \text{C}$ (rel. to P=O)

No albumin binding with native diester (P=O) backbone



Z-OMTE: 2-O(2-Methylthioethyl)-FNA

$\Delta T_m = 2.0^\circ \text{C}$ (rel. to P=O)

Low-affinity albumin binding with native diester (P=O) backbone



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Figure 27

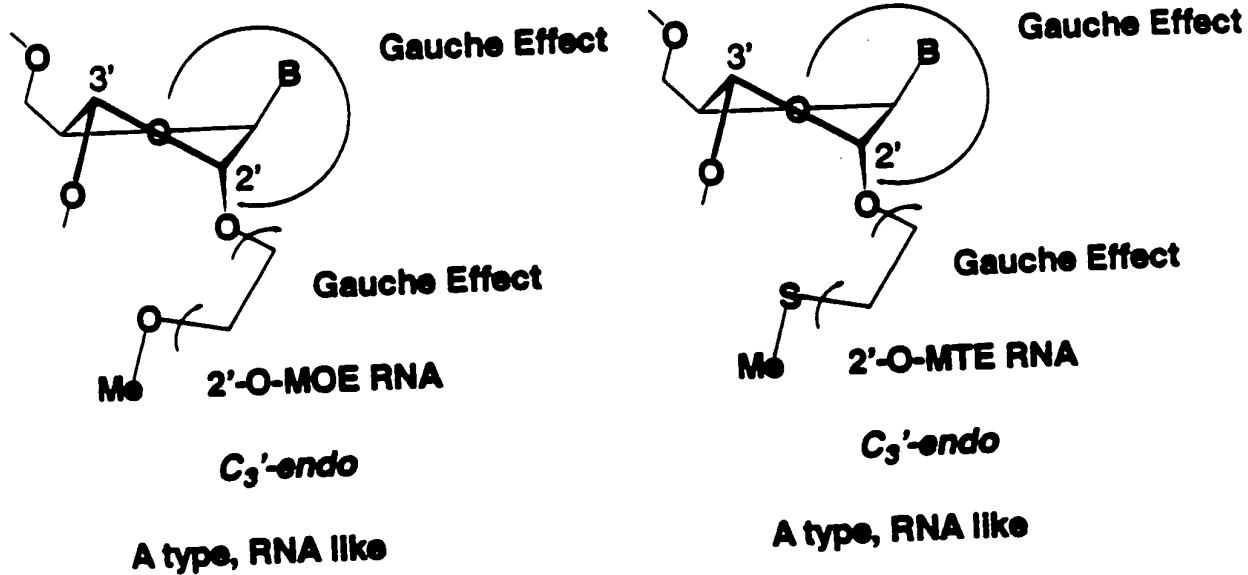




Figure 28

